

a.) Amendment to the Claims

1. (Previously Presented) A retroreflective article comprising plural triangular-pyramidal cube-corner retroreflective element pairs formed of parallel V-shaped groove groups (x, x, x,..., y, y, y,..., and z, z, z,...) from three directions of x direction, y direction, and z direction and set on a common plane (S-S') defined by base line groups of the parallel V-shaped groove groups, in which

one-side groove angle (GLx, GRx, GLy, GRy, GLz, or GRz) formed between

a cross line between

a plane vertical to the common plane (S-S') and to a V-groove vertical plane (Svx, Svy, or Svz) which includes the base line of a V-shaped groove and is vertical to the common plane (S-S'), and a reflective lateral face (a1, b1, c1, a2, b2, or c2) containing the base line of the V-shaped groove

and the V-groove vertical plane

does not form a constant angle in the reflective lateral face but at least one of the lateral faces does not form a plane.

2. (Previously Presented) The retroreflective article according to claim 1, wherein at least one reflective lateral face for constituting the triangular-pyramidal cube-corner retroreflective element pairs, the one-side groove angle (GLx, GRx, GLy, GRy,

GRz, or GRz) does not form a constant angle with the maximum deviation of 0.0001 to 0.1° from a normal one-side groove angle for forming a cube corner and a reflective lateral face forms a curved and/or multiple surface.

3. (Previously Presented) A retroreflective article according to claim 1 or 2, wherein the internal angle of one of bottom-plane triangles formed of three bottom planes constituting the reflective elements ranges between 35 and 75°.

4. (Previously Presented) The retroreflective article according to claim 3, wherein the internal angle of one of bottom-plane triangles formed of three base lines constituting the reflective elements ranges between 45 and 70°.

5. (Previously Presented) The retroreflective article according to claim 4, wherein the depth of a plane (Sx, Sy, or Sz) formed by the base line group of at least one-directional V-shaped groove constituting the reflective elements is different from the depth of other planes.

6. (Previously Presented) The retroreflective article according to claim 5, wherein an x-directional V-shaped groove constituting the reflective elements does not pass through the intersects (A and B) of y- and z-directional V-shaped grooves and is

formed at a position having an offset ( $\Delta x$ ) from a straight line connecting intersects A and B, the triangular-pyramidal cube-corner retroreflective element pairs are asymmetric pairs.

Claims 7-20 (Cancelled).

21. (Previously Presented) A retroreflective article, said retroreflective article comprising:

(i) plural triangular-pyramidal cube-corner retroreflective element pairs formed of parallel V-shaped groove groups (x, x, x,..., y, y, y,..., and z, z, z,...) from three directions of x direction, y direction, and z direction and set on a common plane (S-S') defined by base line groups of the parallel V-shaped groove groups, in which

one-side groove angle (GLx, GRx, GLy, GRy, GLz, or GRz) formed between

a cross line between

a plane vertical to the common plane (S-S') and to a V-groove vertical plane (Svx, Svy, or Svz) which includes the base line of a V-shaped groove and is vertical to the common plane (S-S'), and a reflective lateral face (a1, b1, c1, a2, b2, or c2) containing the base line of the V-shaped groove

and the V-groove vertical plane

does not form a constant angle in the reflective lateral face but at least one of the lateral faces does not form a plane, or

(ii) plural triangular-pyramidal cube-corner retroreflective element pairs formed of V-shaped groove groups (x, x, x,..., y, y, y,..., and z, z, z,...) arranged at equal intervals from three directions and set on a common plane (S-S') defined by base line groups of the V-shaped groove groups, in which the base line constituting any-directional V-shaped groove in the retroreflective element pairs is a nonlinear base line which does not form a linear trajectory and the reflective lateral face formed of the V-shaped groove forms a curved and/or multiple surface.